

Table H. - Engineering Index Properties

Prince George County, Virginia

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
1A:												
Ackwater	0-5	Loam Silt Loam	CL CL-ML ML	A-4 A-6	0	0	100	95-100	81-100	57-90	19-30	2-11
	5-72	Clay Silty Clay Loam Clay Loam Silty Clay	CH CL	A-6 A-7-6	0	0	97-100	95-100	86-100	66-95	36-66	16-39
Aycock	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
1B:												
Ackwater	0-5	Silt Loam Loam	CL CL-ML ML	A-4 A-6	0	0	100	95-100	81-100	57-90	19-30	2-11
	5-72	Clay Silty Clay Loam Clay Loam Silty Clay	CH CL	A-6 A-7-6	0	0	97-100	95-100	86-100	66-95	36-66	16-39
Aycock	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
1C:												

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
1C:												
Ackwater	0-5	Silt Loam Loam	CL CL-ML ML	A-4 A-6	0	0	100	95-100	81-100	57-90	19-30	2-11
	5-72	Clay Silty Clay Loam Clay Loam Silty Clay	CH CL	A-6 A-7-6	0	0	97-100	95-100	86-100	66-95	36-66	16-39
Aycock	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
2C3:												
Ackwater	0-5	Silty Clay Loam Silt Loam Loam	CL CL-ML ML	A-4 A-6	0	0	100	95-100	81-100	57-95	19-30	2-11
	5-72	Clay Loam Silty Clay Clay Silty Clay Loam	CH CL	A-6 A-7-6	0	0	97-100	95-100	86-100	66-95	36-66	16-39
Aycock	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
2D3:												

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
2D3:												
Ackwater	0-5	Silt Loam	CL	A-4	0	0	100	95-100	81-100	57-95	19-30	2-11
		Loam	CL-ML	A-6								
	5-72	Silty Clay Loam	ML									
		Clay	CH	A-6	0	0	97-100	95-100	86-100	66-95	36-66	16-39
		Silty Clay Loam	CL	A-7-6								
		Clay Loam										
		Silty Clay										
Aycock	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
3:												
Argent	0-6	Loam	CL	A-4	0	0	100	98-100	83-100	59-95	16-30	NP-14
		Silty Clay Loam	CL-ML	A-6								
	6-79	Silt Loam	ML									
		Silty Clay Loam	CH	A-6	0	0	100	98-100	88-100	68-95	30-61	14-27
		Clay Loam	CL	A-7								
		Clay	MH									
		Silty Clay										
Bolling	---				---	---	---	---	---	---	---	---
Muckalee	---				---	---	---	---	---	---	---	---
4A:												
Aycock	0-7	Silt Loam	CL	A-4	0	0	100	95-100	81-100	57-90	16-31	2-10
		Loam	CL-ML									
	7-64	Clay Loam	ML									
		Silt Loam	CL	A-4	0	0	100	95-100	86-100	66-95	23-34	6-14
		Silty Clay Loam		A-6								

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
4A:												
Ackwater	---				---	---	---	---	---	---	---	---
Bonneau	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
Norfolk	---				---	---	---	---	---	---	---	---
4B:												
Aycock	0-7	Loam	CL	A-4	0	0	100	95-100	81-100	57-90	16-31	2-10
		Silt Loam	CL-ML									
			ML									
	7-64	Silt Loam	CL	A-4	0	0	100	95-100	86-100	66-95	23-34	6-14
		Silty Clay Loam		A-6								
		Clay Loam										
Ackwater	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
Norfolk	---				---	---	---	---	---	---	---	---
5:												

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
5: Bojac	0-9	Loamy Sand	SC-SM	A-2	0	0	95-100	93-100	46-70	14-40	12-23	NP-6
		Sandy Loam	SM	A-4								
	9-53	Loamy Sand	ML	A-2	0	0	95-100	93-100	46-90	14-55	12-30	NP-7
		Sandy Clay Loam	SM	A-4								
		Sandy Loam										
		Fine Sandy Loam										
		Loamy Fine Sand										
	53-64	Loamy Sand	SM	A-1	0	0	80-100	80-100	40-85	4-60	8-14	NP-1
		Loamy Fine Sand	SP	A-2								
		Coarse Sand	SW-SM	A-3								
		Sand										
		Fine Sand										
Pamunkey	---				---	---	---	---	---	---	---	---
Bolling	---				---	---	---	---	---	---	---	---
6: Bolling	0-8	Silt Loam	CL	A-4	0	0	85-100	80-100	56-100	32-90	15-30	NP-10
		Fine Sandy Loam	ML									
		Loam	SC									
			SM									
	8-63	Silty Clay Loam	CL	A-6	0	0	85-100	80-100	72-100	51-95	30-45	11-20
		Silt Loam		A-7-6								
		Clay Loam										
		Loam										
Argent	---				---	---	---	---	---	---	---	---
Pamunkey	---				---	---	---	---	---	---	---	---

7B:

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
7B:												
Bonneau	0-25	Loamy Fine Sand Loamy Sand	SM	A-2	0	0	100	100	50-85	15-45	12-20	NP-4
	25-79	Sandy Clay Fine Sandy Loam Sandy Clay Loam Sandy Loam	SC SC-SM	A-2 A-4 A-6	0	0	100	100	60-95	30-60	19-43	4-21
Burrowsville	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Norfolk	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---
7C:												
Bonneau	0-25	Loamy Fine Sand Loamy Sand	SM	A-2	0	0	100	100	50-85	15-45	12-20	NP-4
	25-79	Sandy Clay Loam Sandy Clay Fine Sandy Loam Sandy Loam	SC SC-SM	A-2 A-4 A-6	0	0	100	100	60-95	30-60	19-43	4-21
Emporia	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---
8A:												

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
8A:												
Burrowsville	0-14	Fine Sandy Loam	SC-SM	A-2	0	0	85-100	80-100	48-85	24-55	11-23	NP-6
		Sandy Loam	SM	A-4								
	14-25	Fine Sandy Loam	CL-ML	A-2	0	0	85-100	80-100	48-85	24-55	12-23	NP-6
		Sandy Loam	SC-SM	A-4								
			SM									
	25-38	Fine Sandy Loam	CL-ML	A-2	0	0	85-100	80-100	48-85	24-55	12-23	NP-6
		Sandy Loam	SC-SM	A-4								
			SM									
	38-51	Sandy Clay Loam	CL	A-4	0	0	85-100	80-100	48-90	24-55	16-34	2-12
		Sandy Loam	SC	A-6								
			SM									
	51-70	Sandy Clay Loam	CL	A-2	0	0	85-100	80-100	48-90	24-55	14-34	1-12
		Sandy Loam	SC	A-4								
			SM	A-6								
Bonneau	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---

8B:

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
8B:												
Burrowsville	0-14	Fine Sandy Loam	SC-SM	A-2	0	0	85-100	80-100	48-85	24-55	11-23	NP-6
		Sandy Loam	SM	A-4								
	14-25	Fine Sandy Loam	CL-ML	A-2	0	0	85-100	80-100	48-85	24-55	12-23	NP-6
		Sandy Loam	SC-SM	A-4								
			SM									
	25-38	Fine Sandy Loam	CL-ML	A-2	0	0	85-100	80-100	48-85	24-55	12-23	NP-6
		Sandy Loam	SC-SM	A-4								
			SM									
	38-51	Sandy Clay Loam	CL	A-4	0	0	85-100	80-100	48-90	24-55	16-34	2-12
		Sandy Loam	SC	A-6								
			SM									
	51-70	Sandy Clay Loam	CL	A-2	0	0	85-100	80-100	48-90	24-55	14-34	1-12
		Sandy Loam	SC	A-4								
			SM	A-6								
Bonneau	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---

9:

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
9: Catpoint	0-9	Fine Sand Sand	SC-SM SM SP SP-SM	A-1-b A-2-4 A-3	0	0	90-100	80-100	40-80	4-35	7-11	NP
	9-32	Fine Sandy Loam Fine Sand Loamy Sand Sand	SC-SM SM SP-SM SW SW-SM	A-1-b A-2-4 A-3	0	0	90-100	80-100	40-85	4-55	7-16	NP-3
	32-79	Sand Coarse Sand Fine Sand Gravelly Coarse Sand	SM SP-SM SW-SM	A-1-b A-2-4 A-3	0	0-3	65-100	50-100	25-80	2-35	7-16	NP-3
Muckalee	---				---	---	---	---	---	---	---	---
10: Chickahominy	0-7	Loam Silt Loam	CL-ML ML	A-4	0	0	99-100	98-100	83-100	58-90	16-30	2-10
	7-68	Silt Loam Loam Silty Clay Clay Silty Clay Loam Clay Loam	CH CL ML	A-6 A-7	0	0	99-100	98-100	85-100	60-95	31-61	10-27
Newflat	---				---	---	---	---	---	---	---	---
Peawick	---				---	---	---	---	---	---	---	---

11B:

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
11B:												
Emporia	0-8	Fine Sandy Loam Loam	CL ML SC SM	A-2-4 A-4 A-6	0	0-5	90-100	85-100	60-95	34-75	15-25	NP-15
	8-50	Sandy Loam Clay Loam Loam	CL SC	A-2-4 A-4 A-6	0	0-3	90-100	85-100	51-100	26-80	20-50	8-30
	50-64	Sandy Clay Loam Clay Loam Sandy Clay Loam Loam Sandy Loam	CH CL SC	A-2-4 A-4 A-6 A-7-6	0	0-8	90-100	85-100	48-100	24-80	25-55	8-30
Bonneau	---				---	---	---	---	---	---	---	---
Burrowsville	---				---	---	---	---	---	---	---	---
Norfolk	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---

11C:

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
11C:												
Emporia	0-8	Fine Sandy Loam Loam	CL ML SC SM	A-2-4 A-4 A-6	0	0-5	90-100	85-100	60-95	34-75	15-25	NP-15
	8-50	Clay Loam Sandy Loam Sandy Clay Loam Loam	CL SC	A-2-4 A-4 A-6 A-7-6	0	0-3	90-100	85-100	51-100	26-80	20-50	8-30
	50-64	Loam Clay Loam Sandy Clay Loam Sandy Loam	CH CL SC	A-2-4 A-4 A-6 A-7-6	0	0-8	90-100	85-100	48-100	24-80	25-55	8-30
Ackwater	---				---	---	---	---	---	---	---	---
Bonneau	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---
12F:												
Emporia	0-8	Fine Sandy Loam Loam	CL ML SC SM	A-2-4 A-4 A-6	0	0-5	90-100	85-100	60-95	34-75	15-25	NP-15
	8-50	Clay Loam Sandy Loam Sandy Clay Loam Loam	CL SC	A-2-4 A-4 A-6 A-7-6	0	0-3	90-100	85-100	51-100	26-80	20-50	8-30
	50-64	Sandy Loam Loam Sandy Clay Loam Clay Loam	CH CL SC	A-2-4 A-4 A-6 A-7-6	0	0-8	90-100	85-100	48-100	24-80	25-55	8-30

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
12F:												
Kinston	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---
Lynchburg	---				---	---	---	---	---	---	---	---
13D:												
Emporia	0-8	Fine Sandy Loam Loam	CL ML SC SM	A-2-4 A-4 A-6	0	0-5	90-100	85-100	60-95	34-75	15-25	NP-15
	8-50	Clay Loam Sandy Loam Sandy Clay Loam Loam	CL SC	A-2-4 A-4 A-6 A-7-6	0	0-3	90-100	85-100	51-100	26-80	20-50	8-30
	50-64	Loam Sandy Loam Clay Loam Sandy Clay Loam	CH CL SC	A-2-4 A-4 A-6 A-7-6	0	0-8	90-100	85-100	48-100	24-80	25-55	8-30

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
13D:												
Slagle	0-10	Loam	SC-SM	A-2	0	0-5	95-100	93-100	54-95	27-75	14-23	1-6
		Sandy Loam	SM	A-4								
		Fine Sandy Loam										
	10-48	Sandy Loam	CL	A-4	0	0-3	95-100	93-100	54-100	27-80	18-43	3-17
		Clay Loam	CL-ML	A-6								
		Loam	ML									
		Sandy Clay Loam	SC									
			SC-SM									
	48-65	Loamy Sand	CL	A-4	0	0-8	85-100	80-100	40-100	12-95	10-52	NP-22
		Sandy Loam	ML	A-6								
		Clay	SC	A-7								
		Clay Loam										
		Sandy Clay Loam										
Kinston	---				---	---	---	---	---	---	---	---
Lynchburg	---				---	---	---	---	---	---	---	---
14:												
Kinston	0-7	Fine Sandy Loam	SC	A-4	0	0	98-100	95-100	66-100	38-90	0-35	NP-10
		Silt Loam	SC-SM									
		Loam	SM									
	7-64	Sandy Clay Loam	CL	A-4	0	0	98-100	95-100	57-100	28-80	20-45	8-22
		Clay Loam		A-6								
		Loam		A-7								
		Sandy Loam										
Emporia	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---

15:

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
15: Levy	0-6	Silt Loam	CL	A-6	0	0	100	100	90-100	70-95	26-40	NP-25
		Silty Clay Loam	ML									
	6-60	Silty Clay Loam	CH	A-7	0	0	100	100	95-100	85-95	44-66	22-39
		Clay	CL									
		Silty Clay										
Muckalee	---				---	---	---	---	---	---	---	---
16: Lynchburg	0-9	Loam	CL-ML	A-4	0	0	100	100	70-95	40-75	12-25	NP-7
		Fine Sandy Loam	ML									
			SC-SM									
			SM									
	9-65	Clay Loam	CL	A-4	0	0	100	100	80-100	35-80	23-38	6-14
		Loam	CL-ML	A-6								
		Sandy Clay Loam	SC									
			SC-SM									
Aycock	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
Norfolk	---				---	---	---	---	---	---	---	---
Rains	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---

17:

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
17: Lynchburg	0-9	Fine Sandy Loam Loam	CL-ML ML SC-SM SM	A-4	0	0	100	100	70-95	40-75	12-25	NP-7
	9-65	Loam Sandy Clay Loam Clay Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0	100	100	80-100	35-80	23-38	6-14
Slagle	0-10	Loam Sandy Loam Fine Sandy Loam	SC-SM SM	A-2 A-4	0	0-5	95-100	93-100	54-95	27-75	14-23	1-6
	10-48	Sandy Loam Loam Sandy Clay Loam Clay Loam	CL CL-ML ML SC SC-SM	A-4 A-6	0	0-3	95-100	93-100	54-100	27-80	18-43	3-17
	48-65	Loamy Sand Sandy Loam Sandy Clay Clay Clay Loam Loam Sandy Clay Loam	CL ML SC	A-4 A-6 A-7	0	0-8	85-100	80-100	40-100	12-95	10-52	NP-22
Emporia	---				---	---	---	---	---	---	---	---
Kinston	---				---	---	---	---	---	---	---	---

18A:

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
18A:												
Montross	0-7	Loam Silt Loam	CL CL-ML ML	A-4 A-6	0	0	95-100	93-100	78-100	55-90	17-35	1-15
	7-26	Silty Clay Loam Silt Loam	CL	A-6 A-7-6	0	0	95-100	93-100	84-100	64-95	30-44	11-22
	26-50	Clay Loam Silty Clay Loam Silt Loam	CL	A-6 A-7-6	0	0	95-100	93-100	84-100	64-95	30-44	11-22
	50-79	Clay Loam Silty Clay Loam Silty Clay	CL	A-6 A-7-6	0	0	95-100	93-100	84-100	64-95	30-44	11-22
Ackwater	---				---	---	---	---	---	---	---	---
Aycock	---				---	---	---	---	---	---	---	---
18B:												
Montross	0-7	Loam Silt Loam	CL CL-ML ML	A-4 A-6	0	0	95-100	93-100	78-100	55-90	17-35	1-15
	7-26	Silty Clay Loam Silt Loam	CL	A-6 A-7-6	0	0	95-100	93-100	84-100	64-95	30-44	11-22
	26-50	Clay Loam Silty Clay Loam Silt Loam	CL	A-6 A-7-6	0	0	95-100	93-100	84-100	64-95	30-44	11-22
	50-79	Clay Loam Silty Clay Loam Silty Clay	CL	A-6 A-7-6	0	0	95-100	93-100	84-100	64-95	30-44	11-22
Ackwater	---				---	---	---	---	---	---	---	---
Aycock	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
18B:												
Lynchburg	---				---	---	---	---	---	---	---	---
19:												
Muckalee	0-14	Sandy Loam	CL	A-4	0	0	98-100	95-100	57-95	28-75	17-35	4-15
		Loam	CL-ML	A-6								
	14-60	Loamy Sand	SM	A-2	0	0	98-100	95-100	48-70	14-40	15-20	NP-4
		Sandy Loam		A-4								
Bolling	---				---	---	---	---	---	---	---	---
Levy	---				---	---	---	---	---	---	---	---
20:												
Newflat	0-5	Silt Loam	CL-ML	A-4	0	0	95-100	90-100	81-100	57-90	16-30	2-10
		Loam	ML									
	5-75	Silt Loam	CH	A-7	0	0	95-100	90-100	81-100	63-95	34-61	12-27
		Loam	CL									
		Silty Clay Loam	ML									
		Silty Clay										
		Clay										
		Clay Loam										
Peawick	---				---	---	---	---	---	---	---	---
Chickahominy	---				---	---	---	---	---	---	---	---

21:

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
21: Norfolk	0-16	Loamy Sand Sandy Loam Fine Sandy Loam	ML	A-4	0	0	95-100	93-100	46-85	14-55	16-23	NP-6
	16-70	Sandy Loam Sandy Clay Loam	CL SC SM	A-4 A-6	0	0	95-100	93-100	55-90	27-55	16-30	NP-14
	70-79	Clay Loam Sandy Clay Loam Sandy Loam Clay	CL SC SM	A-4 A-6	0	0	95-100	93-100	55-100	27-95	16-50	NP-22
Bonneau	---				---	---	---	---	---	---	---	---
Burrowsville	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---
22A: Pamunkey	0-16	Loam Fine Sandy Loam	ML	A-4	0	0	99-100	98-100	69-95	39-75	16-23	3-7
	16-55	Fine Sandy Loam Sandy Loam Sandy Clay Loam Clay Loam	CL SC	A-4 A-6	0	0-8	99-100	98-100	59-100	29-80	16-38	3-15
	55-72	Loamy Sand Sandy Loam Fine Sandy Loam	SC-SM SM	A-2 A-2-4 A-4	0	0-15	99-100	98-100	50-85	15-55	8-25	NP-8
Argent	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
22A:												
Bojac	---				---	---	---	---	---	---	---	---
Bolling	---				---	---	---	---	---	---	---	---
22B:												
Pamunkey	0-16	Fine Sandy Loam Loam	ML	A-4	0	0	99-100	98-100	69-95	39-75	16-23	3-7
	16-55	Fine Sandy Loam Sandy Loam Sandy Clay Loam Clay Loam	CL SC	A-4 A-6	0	0-8	99-100	98-100	59-100	29-80	16-38	3-15
	55-72	Fine Sandy Loam Loamy Sand Sandy Loam	SC-SM SM	A-2 A-2-4 A-4	0	0-15	99-100	98-100	50-85	15-55	8-25	NP-8
Argent	---				---	---	---	---	---	---	---	---
Bojac	---				---	---	---	---	---	---	---	---
Bolling	---				---	---	---	---	---	---	---	---
23A:												
Peawick	0-3	Silt Loam Loam	CL-ML ML	A-4	0	0	99-100	97-100	84-100	58-90	16-30	2-10
	3-76	Clay Loam Silty Clay Loam Clay Silty Clay	CH CL ML	A-6 A-7	0	0	99-100	97-100	72-100	56-95	34-61	12-27
Chickahominy	---				---	---	---	---	---	---	---	---
Newflat	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
23A:												
Wickham	---				---	---	---	---	---	---	---	---
23B:												
Peawick	0-3	Silt Loam	CL-ML	A-4	0	0	99-100	97-100	84-100	58-90	16-30	2-10
		Loam	ML									
	3-76	Clay	CH	A-6	0	0	99-100	97-100	72-100	56-95	34-61	12-27
		Silty Clay	CL	A-7								
		Clay Loam	ML									
		Silty Clay Loam										
Chickahominy	---				---	---	---	---	---	---	---	---
Newflat	---				---	---	---	---	---	---	---	---
Wickham	---				---	---	---	---	---	---	---	---
23C:												
Peawick	0-3	Silt Loam	CL-ML	A-4	0	0	99-100	97-100	84-100	58-90	16-30	2-10
		Loam	ML									
	3-76	Clay Loam	CH	A-6	0	0	99-100	97-100	72-100	56-95	34-61	12-27
		Silty Clay Loam	CL	A-7								
		Clay	ML									
		Silty Clay										
Newflat	---				---	---	---	---	---	---	---	---
Wickham	---				---	---	---	---	---	---	---	---
24:												

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
24: Rains	0-13	Loam	ML	A-4	0	0	100	100	70-95	40-75	12-25	NP-7
		Fine Sandy Loam	SM									
	13-62	Clay Loam	CL	A-4	0	0	100	100	70-90	35-80	23-38	6-14
		Loam	CL-ML	A-6								
			SC									
			SC-SM									
	62-79	Sandy Clay	CL	A-4	0	0	100	100	70-90	35-80	23-38	6-14
		Loamy Fine Sand	CL-ML	A-6								
		Loam	SC									
			SC-SM									
Kinston	---				---	---	---	---	---	---	---	---
Lynchburg	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---
25A: Slagle	0-10	Sandy Loam	SC-SM	A-2	0	0-5	95-100	93-100	54-95	27-75	14-23	1-6
		Fine Sandy Loam	SM	A-4								
		Loam										
	10-48	Sandy Loam	CL	A-4	0	0-3	95-100	93-100	54-100	27-80	18-43	3-17
		Clay Loam	CL-ML	A-6								
		Loam	ML									
		Sandy Clay Loam	SC									
			SC-SM									
	48-65	Loamy Sand	CL	A-4	0	0-8	85-100	80-100	40-100	12-95	10-52	NP-22
		Clay	ML	A-6								
		Sandy Loam	SC	A-7								
		Sandy Clay Loam										
		Clay Loam										

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
25A:												
Burrowsville	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Lynchburg	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
Norfolk	---				---	---	---	---	---	---	---	---
25B:												
Slagle	0-10	Loam	SC-SM	A-2	0	0-5	95-100	93-100	54-95	27-75	14-23	1-6
		Sandy Loam	SM	A-4								
		Fine Sandy Loam										
	10-48	Sandy Loam	CL	A-4	0	0-3	95-100	93-100	54-100	27-80	18-43	3-17
		Clay Loam	CL-ML	A-6								
		Loam	ML									
		Sandy Clay Loam	SC									
			SC-SM									
	48-65	Loamy Sand	CL	A-4	0	0-8	85-100	80-100	40-100	12-95	10-52	NP-22
		Sandy Loam	ML	A-6								
		Clay	SC	A-7								
		Clay Loam										
		Sandy Clay Loam										
Kinston	---				---	---	---	---	---	---	---	---
Montross	---				---	---	---	---	---	---	---	---
Ackwater	---				---	---	---	---	---	---	---	---
Bonneau	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
25B:												
Burrowsville	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
25C:												
Slagle	0-10	Loam	SC-SM	A-2	0	0-5	95-100	93-100	54-95	27-75	14-23	1-6
		Sandy Loam	SM	A-4								
		Fine Sandy Loam										
	10-48	Sandy Loam	CL	A-4	0	0-3	95-100	93-100	54-100	27-80	18-43	3-17
		Clay Loam	CL-ML	A-6								
		Loam	ML									
		Sandy Clay Loam	SC									
			SC-SM									
	48-65	Loamy Sand	CL	A-4	0	0-8	85-100	80-100	40-100	12-95	10-52	NP-22
		Clay	ML	A-6								
		Sandy Loam	SC	A-7								
		Sandy Clay Loam										
		Clay Loam										
Ackwater	---				---	---	---	---	---	---	---	---
Bonneau	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
26:												
Udorthents	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Pamunkey	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
26:												
Slagle	---				---	---	---	---	---	---	---	---
Wickham	---				---	---	---	---	---	---	---	---
Argent	---				---	---	---	---	---	---	---	---
Bolling	---				---	---	---	---	---	---	---	---
Bonneau	---				---	---	---	---	---	---	---	---
27:												
Udorthents	---				---	---	---	---	---	---	---	---
Ackwater	---				---	---	---	---	---	---	---	---
Urban Land	---				---	---	---	---	---	---	---	---
Aycock	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Lynchburg	---				---	---	---	---	---	---	---	---
Newflat	---				---	---	---	---	---	---	---	---
Peawick	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---
Wickham	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
27:												
Urban land	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---
Wickham	---				---	---	---	---	---	---	---	---
Ackwater	---				---	---	---	---	---	---	---	---
Aycock	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Lynchburg	---				---	---	---	---	---	---	---	---
Newflat	---				---	---	---	---	---	---	---	---
Peawick	---				---	---	---	---	---	---	---	---
29:												
Urban land	---				---	---	---	---	---	---	---	---
Udorthents	---				---	---	---	---	---	---	---	---
Aycock	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---
Ackwater	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
29:												
Emporia	---				---	---	---	---	---	---	---	---
Lynchburg	---				---	---	---	---	---	---	---	---
Newflat	---				---	---	---	---	---	---	---	---
Peawick	---				---	---	---	---	---	---	---	---
Wickham	---				---	---	---	---	---	---	---	---
30A:												
Wickham	0-9	Loam	SC-SM	A-4	0	0	95-100	93-100	63-95	36-75	16-21	NP-4
		Fine Sandy Loam	SM									
	9-62	Loam	CL	A-2-4	0	0	95-100	93-100	70-100	30-80	28-43	9-21
		Clay Loam	SC	A-4								
		Sandy Clay Loam		A-6								
				A-7-6								
	62-79	Sandy Loam	CL	A-1-b	0	0-3	85-100	80-100	40-90	12-55	14-39	NP-18
		Sandy Clay Loam	SC	A-2-4								
		Loamy Sand	SM	A-4								
				A-6								
Peawick	---				---	---	---	---	---	---	---	---
30B:												

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
30B:												
Wickham	0-9	Loam	SC-SM	A-4	0	0	95-100	93-100	63-95	36-75	16-21	NP-4
		Fine Sandy Loam	SM									
	9-62	Loam	CL	A-2-4	0	0	95-100	93-100	70-100	30-80	28-43	9-21
		Clay Loam	SC	A-4								
		Sandy Clay Loam		A-6								
				A-7-6								
	62-79	Sandy Loam	CL	A-1-b	0	0-3	85-100	80-100	40-90	12-55	14-39	NP-18
		Sandy Clay Loam	SC	A-2-4								
		Loamy Sand	SM	A-4								
				A-6								
Peawick	---				---	---	---	---	---	---	---	---
30C:												
Wickham	0-9	Loam	SC-SM	A-4	0	0	95-100	93-100	63-95	36-75	16-21	NP-4
		Fine Sandy Loam	SM									
	9-62	Sandy Clay Loam	CL	A-2-4	0	0	95-100	93-100	70-100	30-80	28-43	9-21
		Loam	SC	A-4								
		Clay Loam		A-6								
				A-7-6								
	62-79	Sandy Loam	CL	A-1-b	0	0-3	85-100	80-100	40-90	12-55	14-39	NP-18
		Sandy Clay Loam	SC	A-2-4								
		Loamy Sand	SM	A-4								
				A-6								
Emporia	---				---	---	---	---	---	---	---	---
Peawick	---				---	---	---	---	---	---	---	---
Slagle	---				---	---	---	---	---	---	---	---

W:

Table H. - Engineering Index Properties - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
W: Water	---				---	---	---	---	---	---	---	---